



595  
February  
2014

# HF Happenings

South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925  
[www.sarl.org.za](http://www.sarl.org.za) [www.iaru.org](http://www.iaru.org) [www.iaru-r1.org](http://www.iaru-r1.org)



## SARL Digital Contest

**T**he aim is to establish as many contacts as possible between radio amateurs in Southern Africa using the PSK31 / RTTY mode. The contest is open to all radio amateurs in Southern Africa (General Rules 1.b)

The contest takes place from 13:00 to 16:00 UTC on Saturday 23 February with PSK31 and RTTY on 80 metres (3 580 to 3 600 kHz); 40 metres (7 040 to 7 060 kHz) and 20 metres (14 070 to 14 099 kHz). PSK31 is preferred at the lower end of the specified frequencies and RTTY is preferred at the upper end of the specified frequencies. Please note that USB must be used at all times. Refer to (General Rule 16).

A station may be contacted twice on each band once on RTTY, once on PSK31. The exchange is a RST report plus a sequential serial number starting at 001.

Contacts with stations listed in General Rule 1.b are worth 3 points. Contacts with stations NOT listed in General Rule 1.b are worth 1 point.

The first contact with each area listed below will be used as a band multiplier. Area 1: ZS1; Area 2: ZS2; Area 3: ZS3; Area 4: ZS4; Area 5: ZS5; Area 6: ZS6; Area 7: 3DA, 7P, 7Q, 9J, C9, A2, D2, V5, Z2, ZD7, ZD9, ZS7, ZS8, FR, 3B8, 5R, FH and D6 and Area 8: Stations in the rest of the world.

The scoring is Band total = QSO points X number of call areas worked per band. The final score =sum of the band totals

Logs shall be submitted by 2 March 2014 to [contest@sarl.org.za](mailto:contest@sarl.org.za)

## SARL Hamnet 40 m Simulated Emergency Contest

**T**his SSB Contest is open to all Radio Amateurs in South Africa, Namibia, Botswana, Zimbabwe, Swaziland, Mozambique, Lesotho, Marion Island and South African Antarctica. Only contacts with these areas will count.

The contest runs from 12:00 to 14:00 UTC on Sunday 2 March 2014 and it is a phone contest in the band segments 7 063 to 7 100 kHz and 7 130 to 7 200 kHz.

Participation can be as a Single operator stationary mobile; a Single operator portable; a Multi-operator portable or a Single operator base station.

Antennas are limited to antennas with less than unity gain relative to a dipole. Stationary Mobile stations shall use antennas that rely solely on their vehicles for support and shall not exceed a height of 5 metres above ground. Portable station antennas may not be erected and installed before the day of the contest and no permanent manmade structure may be used to either house equipment or for antenna supports.

Stationary Mobile and Portable stations shall operate from the same site for the duration of the contest and all power used shall comply with the requirements for Field Stations in the general rules.

The exchange is a signal report followed by a three-figure number as follows:

Have **YOU** done anything today to Promote Amateur Radio?

### February

- 1 and 2 - AWA CW Activity Day
- 2 - World Wetlands Day
- 8 and 9 - SARL National Field Day; SARL VHF/UHF Contest
- 14 Valentine's Day
- 10 to 15 - SARL Youth Week
- 15 - SARL Youth Contest
- 15 and 16 - ARRL International DX CW Contest
- 23 - SARL Digital Contest

### March

- 1 and 2 - ARRL International DX SSB Contest
- 2 - SARL Hamnet 40 metre Simulated Emergency Contest
- 8 and 9 - RSGB Commonwealth Contest
- 9 - Cape Argus Cycle Tour
- 17 - St Patrick's Day
- 21 - Human Rights Day; Namibian Independence Day
- 22 - World Water day
- 23 - World Meteorological day
- 28 - Schools close
- 29 and 30 - CQ WPX SSB Contest
- 31 - Hindi New Year



Current Summits-on-the-Air (SOTA) activities are announced at [www.sotawatch.org](http://www.sotawatch.org)  
And more SOTA information can be found at [www.sota.org.uk](http://www.sota.org.uk)

(Continued on page 2)



## HF Happenings

(Continued from page 1)

Single operator stationary mobile (a): starting with 201 for the first contact

Single operator portable (b): Starting with 401 for the first contact

Multi-operator portable (c): Starting with 601 for the first contact

Single operator base station (d): Starting with 801 for the first contact

Non-participants start with 001 for the first contact

Scoring consists of points accumulated from all contacts, multiplied by a multiplier. Contact with a station in:

Category a, b and c in own area - 3 points

Category a, b and c in another area - 4 points

Category d or non-participant in own area - 1 point

Category d or non-participant in another area - 2 points

Areas are as defined in the following list - Area 1: ZS1; Area 2: ZS2; Area 3: ZS3; Area 4: ZS4; Area 5: ZS5; Area 6: ZS6; Area 7 (eastern group): 3DA, 7P, C9, Z2, ZS8; Area 8 (western group): A2, V5, ZS7

The multiplier consists of the number of call areas worked, multiplied by a power multiplier. The power multiplier is 2 for an output power of over 50 W PEP, and 3 for an output power of less than 50 W PEP.

Logs must be sent by 10 March to Hamnet Eastern Cape, Al Akers, ZS2U, 53 Clarence Street, Westerberg, Port Elizabeth, 6025 or by e-mail to [contest@peham.co.za](mailto:contest@peham.co.za).

### Gough Island

Pierre, ZS1HF / ZS8M reports that he will depart Cape Town at the end of next week to replace the radio technician who passed away in his sleep. Pierre has requested a ZD9 call sign and received ZD9M. His QSL manager is ZS1A.

Barnie, ZD9G, is currently on the island and Pierre will be operating with him using SSB and the digital modes. Pierre returns to Cape Town in October 2014.

### Is SOTA that difficult?

S ummits on the Air (SOTA) is an award scheme for radio amateurs and shortwave listeners that encourages portable operation in mountainous areas. SOTA has been carefully designed to make participation possible for everyone - this is not just for mountaineers! There are awards for activators (those who ascend to the summits) and chasers (who either operate from home, a local hilltop or are even Activators on other summits).



SOTA is now fully operational in many countries across the world. Each country has its own Association which defines the recognised SOTA summits within that Association. Each summit earns the activators and chasers a score which is related to the height of the summit. Certificates are available for various scores, leading to the prestigious "Mountain Goat" and "Shack Sloth" trophies. An Honour Roll for Activators and Chasers is maintained at the SOTA online database. SOTA is designed to be compatible with other mountain users.

South Africa has a SOTA Association with summits in each of the nine provinces, the summits on Marion and Prince Edward Islands have not been numbered. There are a number of 10 point summits with one (1) in the Eastern Cape and thirty (30) in KwaZulu-Natal. The other summits range from 8 points, 6 points, 4 points down to 2 and 1 points. Maclear's Beacon on Table Mountain is a 2 point summit, Lion's Head is a 1 point summit. Magaliesberg (SOTA NW-001) is a 4 point summit. Lady's Slipper (EC-016) is a 1 point summit. You can download the South African SOTA Association Reference Manual at [www.sota.org.uk](http://www.sota.org.uk) or contact Lucas Swart, ZS6ACT.

On Saturday 15 February, Hans, PB2T, and I activated two summits, Perdekop, GP-001 (1 902 metres) and Suikerbosrand, GP-002 (1 897 metres), in the Suikerbosrand Nature Reserve, near Heidelberg, Gauteng. Both summits are 4 points each and about 5 km apart as the crow flies (7,6 km if the crow has to walk). It is possible to drive to within 75 metres of the summits and then you carry your radio equipment to the summit. We made use of a Yaesu FT-817 and a long wire antenna (what I could get into my luggage on a SA Express

(Continued on page 3)



(Continued from page 2)

flight) and managed to work the 4 contacts each per summit to activate it. Remember you can activate a summit on HF, VHF, UHF and SHF using FM, SSB, CW and/or the digital modes.

On Saturday 25 January, I activated Naval Hill (FS-018) in Bloemfontein during the SARL QRP Contest. Naval Hill is a 2 point summit. Members of the Secunda ARC are active SOTA operators and have activated a number of summits in Mpumalanga, Gauteng, the Free State and KwaZulu-Natal.

Activating a summit during a QRP Contest, RaDAR Contest or during Field Day can be fun! What about activating a summit during the SARL VHF/UHF Contest?

Is there a summit on Robben Island? Then you can give out IOTA AF-064 and a SOTA reference number! As Mother Superior sang, "Climb every mountain!"

## Results of the SARL National Field Day

The Contest Committee received 18 logs for the February leg of the SARL National Field Day held 8 and 9 February. Eleven of the logs are from Field stations and seven from General stations. Thank you to all WHO participated and a special word of thanks to those WHO submitted logs.

The results per category are as follows:

### A. Field Station Multi-operator

- 1st East Rand ARC, ZS6ERB with 129 120 points
- 2nd Highway ARC, ZS5HAM with 69 000 points
- 3rd West Rand ARC, ZS6WR with 50 880 points
- 4th Sasolburg ARC, ZS4SRK with 42 840 points
- 5th Pretoria ARC, ZS6PTA with 42 600 points
- 6th Sandton ARC, ZS6STN with 30 660 points
- 7th Zululand ARC, ZS5ZLB with 11 760 points

### B. Field Station Multi-operator QRP

No entry

### C. Field Station Single operator

- 1st Dennis Green, 7P8DG with 15 648 points
- 2nd Rob Parkinson, ZS1RAP with 12 192 points

### D. Field Station Single operator QRP

- 1st Richard Hayter, ZS6RSH with 24 624 points

## African Islands on the Air

FR, Reunion Island. Guy, F5MNW, will once again be active as FR/F5MNW from Saint Leu between 16 March and 8 April. Activity will be on the HF bands using only CW. QSL via his home call sign, direct or by the Bureau.

FT5Z, Amsterdam Island. FT5ZM team is now QRT with 170 010 QSOs in the log. According to the FT5ZM Web page on 12 February: "They went QRT a little earlier than expected to try and beat out a storm. The seas are already very rough and the storm isn't due to arrive until this weekend. They were unable to finish loading the Braveheart and have to wait until morning to try again; 01:00 UTC."

Then on 13 February, pilot station Valerie, NV9L reported: "I just got off the phone with WB9Z. All the team members are now safely aboard the Braveheart as of 05:20 UTC. The Braveheart crew is currently securing the Zodiac as the French wave goodbye from the shores. There is a strong storm right behind them.



### E. Ultra Light Portable

- 1st Eddie Leighton, ZS6BNE with 1 890 points

### F. General Stations

- 1st Pieter Jacobs, ZS6XT with 28 140 points
- 2nd Johan van Zijl, ZS4DZ with 6 012 points
- 3rd Pravin Kumar, ZS5LT with 5 824 points
- 4th Port Elizabeth ARS, ZS2PE with 3 312 points (operated by Theunis, ZS2EC)
- 5th Willie Axford, ZS5WI with 2 818 points
- 6th Koos du Plessis, ZS6BFD with 400 points
- 7th Gavin Spowart, ZS6BWW with 200 points





## HF Happenings

(Continued from page 3)

This should make for rough sees but favorable winds pushing them to Perth." As of press time and as per the FT5ZM log available on ClubLog <http://www.clublog.org/charts/?c=FT5ZM> the breakdown is as follows as of 02:20 UTC 12 February, 170 010 QSOs and 36 302 Unique. Modes - 94 972 CW, 62 986 SSB and 12 052 RTTY). By Continent - 1 342 AF, 19 AN, 37 781 AS, 84 667 EU, 41 983 NA, 2 714 OC and 1 504 SA.

Before you QSL, PLEASE remember that the FT5ZM's DXpedition was budgeted for 450 000 USDs and has NOT yet met that amount. QSL via N2OO. The FT5ZM QSL processing order is as follows - a. OQRS DIRECT (via ClubLog), b. Direct Mail, c. OQRS bureau (via ClubLog) or d. Regular incoming Bureau. For more details, see their Web page at <http://www.amsterdamdx.org>. Also watch their media links at Facebook <https://www.facebook.com/FT5ZM> and Twitter <https://twitter.com/FT5ZM>

Maderia, CT9. Once again Rosel, DL3KWR, and Hardy, DL3KWF, will be active as CT9/DL3KWR and CT9/DL3KWFF from Madeira (AF-014) from 6 March to 2 April. They plan to operate mostly in CW and digital modes with a focus on 12, 17 and 30 metres. QSL via home calls. Email requests for bureau cards can be sent to dl3kwr@darc.de or dl3kwf@darc.de respectively.

### African DX

7Q, Malawi. A few sources are reporting that a multi-national team will be on a DXpedition to Malawi and will be active as 7Q7Q sometime late November which will include an entry in the CQ WW DX CW Contest (29 and 30 November). It seems to be headed up by Roger, ZS6RJ, and the same group who was active as 3DAOET last year. Look for more details to be forthcoming in a few weeks.



S0, Western Sahara. The "DX-World.net" is reporting that Dom, 3Z9DX (ex-SQ9KWW), is planning activity from the Western Sahara territory as S0/3Z9DX sometime in mid-March for one week (exact dates TBA). Activity will be on 40 to 10 metres SSB only. QSL via his home call sign.

D2, Angola. Craig, MMOSSG is in Angola and will be active as D2SG in his spare time until December. QSL via GM4FDM and Logbook of The World.

5X, Uganda. Alan, G3XAQ, will operate CW only as 5X1XA from Uganda from 25 February to 16 March, including an entry in the RSGB Commonwealth Contest on 8 and 9 March. QSL via G3SWH.

C5, The Gambia. Dom, M1TKA will be active holiday style as C5/M1KTA from The Gambia from 27 February to 10 March. He will operate QRP on 20 to 10 metres. QSL via home call and LoTW.

A2, Botswana. Schalk, A22LL / ZS1LL will be on the air between 05 to 30 April as A22LL from near Maun in Botswana on the 10 m band. He will run a field station on 25 watts and a dipole antenna. QSL cards direct to his QTH in Hermanus, South Africa. QSL information on QRZ.COM.

### International Lighthouse and Lightship Weekend at the half-way point

The International Lighthouse and Lightship Weekend held each August is a long running and annual very popular fun-event. So far it has 160 registrations from 25 countries which are ready to go portable with Amateur Radio at historic locations that provided a service to yesteryear sea-goers. The aims of the event include promoting lighthouses, lightships, time-ball towers and fog horns in line with a set of guidelines.

Many countries were reliant on access to a sea for successful trade and tourism. Navigation for ships was provided by those structures. They deserve public awareness and restoration as part of our maritime history.



(Continued on page 5)

(Continued from page 4)

When the event was held last year a record 500 registrations joined in representing more than 50 countries.

So far with six months to go many are yet to make a commitment and register for the event. Among countries missing are Algeria, Austria, Cuba, Estonia, Gibraltar, Iceland, Indonesia, Italy, Latvia, Lebanon, Lithuania, Malaysia, Malta, Mexico, Norway, Romania, Panama, Philippines, Russia, Serbia, Slovenia, Spain, Sri Lanka, Switzerland, Taiwan, Thailand, Turkey, Ukraine and Uruguay.

Start planning now and register on-line for the event on 16 and 17 August by visiting the web site [www.illw.net](http://www.illw.net)

South Africa is, at this stage, represented by the Green Point Lighthouse, ZS1CT/L. I am sure more will follow!

## Flea Markets

**Y**ou are invited to take your fleas to the following Flea markets!

The West Rand Amateur Radio Club is hosting its next flea market 12:00 on Saturday 1 March 2014 at their clubhouse in Kroton street, Weltevredenpark, Roodepoort. Everybody is welcome. For more information contact Geoff, ZS6GRL, 082 546 5546. Approx. S 26 08.492 E 27 55.111



### Don't Miss The Cape Town ARC Annual Bumper Flea Market

The date of the Annual Flea Market is easy to remember, always the first Saturday afternoon in March at the CTARC Club house, off Laidlaw Lane in Rondebosch. This year it is on 1 March opening at 12:00 noon.

There will be a small charge to sellers this year of R10 to help defray our costs but no charge to buyers and browsers. This small fee also allows sellers to park their vehicles on the grassy area directly in front of the club house. As this area is limited in size, buyers and non sellers will be requested to park in the paved parking area of Laidlaw road, which is immediately adjacent to the flea market area. Sellers are reminded to please bring their own table if they do not intend to sell out of their boot as the club has only a very limited amount of tables.

Cold refreshments and snacks will be available throughout the afternoon. The Antique Wireless Association will also be setting up an exhibit of interesting older equipment. There is no time like the present to start sorting out the shack and boxing up those unused and surplus items. Bring them along to the CTARC Annual Flea Market and convert them into instant cash. Who knows, you may even find better or more interesting toys at the Flea Market that you can then take home with you and have great fun with. Start planning now and look forward to seeing all of those friendly smiles of our fellow Amateurs from around the Cape. See you there on the first of March at 12:00 noon. Approx. S 33 58.491 E 18 28.788

*A bumper flea - lives on the bumper of your vehicle, you get the Pulex irritans front and Pulex irritans rear, depending on which bumper they stay!*

## Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 10 to 17 February 2014

RSGB 80 m Club Championship, CW  
20:00 - 21:30 UTC 20 February

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 27 February 2014

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2014/r80mcc.shtml>

QRP Fox Hunt

(Continued on page 6)



## HF Happenings

(Continued from page 5)

02:00 - 03:30 UTC 21

February

Mode: CW

Bands: 80 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 22 February 2014

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/winter\\_rules.htm](http://www.qrpfoxhunt.org/winter_rules.htm)

NCCC Sprint Ladder

02:30 - 03:00 UTC 21 February

Mode: CW

Bands: 160, 80, 40, 20 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 February 2014

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

CQ 160-Metre SSB Contest

22:00 UTC 21 February to 22:00 UTC 23 February

Mode: SSB

Bands: 160 m Only

Classes: Single Op - QRP, low or high; Single Op Assisted - high; Multi-Op - high

Max operating hours: Single Op: 30 hours; Multi-Op: 40 hours

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: W/VE: RS and state or province; DX: RS and CQ Zone

QSO Points: 2 points per QSO with own country; 5 points per QSO with other countries on same continent; 10 points per QSO with other continents; 5 points per QSO with maritime mobile

Multipliers: Each US state and DC (excluding KH6/KL7); Each VE province; Each DXCC and WAE country (including KH6/KL7)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 22:00 UTC 28 February 2014

E-mail logs to: [160ssb@kkn.net](mailto:160ssb@kkn.net)

Mail logs to: CQ 160 Meter Contest, PO Box 481, New Carlisle, OH 45344, USA

Find rules at: <http://www.cq160.com/rules.htm>

REF SSB Contest

06:00 UTC 22 February to 18:00 UTC 23 February

Mode: SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Multi-Single - QRP, low or high; Club; SWL

Max operating hours: Single Op: 28 hours in no more than 3 increments of at least 1 hour each

Max power: HP: >100 Watts; LP: 100 Watts; QRP: 5 Watts

Exchange: French: RS and Department/Prefix; non-French: RS and serial no

Work stations: Once per band

QSO Points: French: 6 points per QSO with French station same continent; French: 15 points per QSO with French station on different continent; French: 1 point per QSO with non-French station same continent; French: 2 points per QSO with non-French station on different continent; non-French: 1 point per QSO with French station same continent; non-French: 3 points per QSO with French station on different continent

Multipliers: French/Corsica departments once per band; French overseas prefixes once per band; non-French DXCC countries once per band (available only to French stations)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 March 2014

E-mail logs to: [cdfssb@ref-union.org](mailto:cdfssb@ref-union.org)

Mail logs to: (none)

Find rules at: [http://concours.ref-union.org/reglement/actuels/reg\\_cdfhf\\_dx.pdf](http://concours.ref-union.org/reglement/actuels/reg_cdfhf_dx.pdf)

(Continued on page 7)

(Continued from page 6)

#### UBA DX CW Contest

13:00 UTC 22 February to 13:00 UTC 23 February

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Single Op Single Band - low or high; Single Op QRP; Multi-Op; SWL

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: ON: RST, serial no and province; non-ON: RST and serial no

Work stations: Once per band

QSO Points: 10 points per QSO with Belgian station; 3 points per QSO with other EU stations

1 point per QSO with non-EU stations

Multipliers: Each Belgian province once per band;

Each Belgian prefix once per band; Each EU DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 9 March 2014

E-mail logs to: [ubacw@uba.be](mailto:ubacw@uba.be)

Mail logs to: (none)

Find rules at: <http://www.uba.be/en/hf/contest-rules/uba-dx-contest-rules>

#### North American RTTY QSO Party

18:00 UTC 22 February to 05:59 UTC 23 February

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op (QRP/Low); Multi-Two (Low)

Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours

Max power: LP: 100 watts; QRP: 5 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band;

Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 05:59 UTC 2 March 2014

Upload log at: <http://www.ncjweb.com/naglogsubmit/>

Mail logs to: Mark Aaker, K6UFO, 300 Berry St., Unit 1009, San Francisco, CA 94158-1668, USA

Find rules at: <http://www.ncjweb.com/NAQP-Rules.pdf>



#### High Speed Club CW Contest

09:00 - 11:00 UTC 23 February and 15:00 - 17:00 UTC 23 February

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: HSC Members; Non-Members; QRP; SWL

Max power: 150 watts; QRP: 5 watts

Exchange: Members: RST and HSC no; non-Members: RST and "NM"

Work stations: Once per band per period

QSO Points: 5 points per QSO with a HSC member; 1 points per QSO with a non-member

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 16 March 2014

E-mail logs to: [joe@dl4cf.com](mailto:joe@dl4cf.com)

Mail logs to: Joe Vollbrecht, DL4CF, HSC Contest Manager, Steingasse 3, D-06642 Nebra, Germany

Find rules at: <http://www.highspeedclub.org/>

#### North Carolina QSO Party

15:00 UTC 23 February to 00:59 UTC 24 February

Mode: CW, Phone, Digital

Bands: 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op Mixed - NC or non-NC - CW, phone, digital or mixed; Single Op Mixed QRP - NC or non-NC; NC Mobile Mixed; NC Mobile Lone Ranger Mixed; NC Club Mixed; NC Club Phone; NC County Expedition Mixed (Low/QRP)

Max power: LP: 150 watts; QRP: 5 watts

Exchange: NC: County; non-NC: state, province or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3 points per CW QSO; 3 points per digital QSO; Bonus Points: 50 points for at least one QSO with Hyde or Transylvania counties; 150 points for both; Bonus Points: 50 points for at least one QSO with W4DW or NI4BK; 150 points for both; Bonus Points for NC Mobiles: 100 points for each county activated

Multipliers: NC stations: Each NC county, state, province, and one DXCC country once; Non-NC stations: Each NC county once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 10 March 2014

E-mail logs to: [logs@ncqso.org](mailto:logs@ncqso.org)

(Continued on page 8)

(Continued from page 7)

Upload log at: <http://rars.org/ncqsoparty/index.php?id=logs>

Mail logs to: NC QSO Party, 1318 Alderman Circle, Raleigh, NC 27603, USA

Find rules at: <http://rars.org/ncqsoparty/index.php?id=rules>

CQC Winter QSO Sprint

01:00 - 02:59 UTC 24 February

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: Member: RST, state, province or country, name and CQC member no; non-

Member: RST, state, province or country, name and power

Work stations: Once per band

QSO Points: 4 points per QSO with non-member; 6 points per QSO with member; Bonus: 1 000 points for one or more QSOs with WOCQC or NOCQC

Multipliers: Each state/province/country once per band

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 26 March 2014

E-mail logs to: [kiOrb@arrl.net](mailto:kiOrb@arrl.net)

Mail logs to: (none)

Find rules at: <http://www.cqc.org/contests/winter14.htm>

## Next Weeks Contests

QRP Fox Hunt, 02:00 - 03:30 UTC 26 February

CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 26 February, 03:00 - 04:00 UTC 27 February

SKCC Sprint, 00:00 - 02:00 UTC 27 February

QRP Fox Hunt, 02:00 - 03:30 UTC 28 February

ARRL International SSB DX Contest, 00:00 UTC 1 March to 24:00 UTC 2 March

Open Ukraine RTTY Championship, 20:00 UTC-22:59 UTC 1 March (Low Band), 23:00 UTC 1 March to 01:59 UTC 2 March (Low Band), 08:00 - 10:59 UTC 2 March (High Band) and 11:00 - 13:59 UTC 2 March (High Band)

UBA Spring Contest, CW, 07:00 - 11:00 UTC 2 March

DARC 10-Meter Digital Contest, 11:00 - 17:00 UTC 2 March

SARL Hamnet 40 m Simulated Emergency Contest, 12:00 - 14:00 UTC 2 March

RSGB 80m Club Championship, Data, 20:00 - 21:30 UTC 3 March

ARS Spartan Sprint, 02:00 - 04:00 UTC 4 March

AGCW YL-CW Party, 19:00 - 21:00 UTC 4 March

## History this Week

1872 - Hydraulic electric elevator patented by Cyrus Baldwin

1876 - Direct telegraph link established between Britain and New Zealand

1878 - Thomas Alva Edison patents gramophone (phonograph)

1886 - Aluminium manufacturing process developed

1886 - London Times publishes world's 1st classified advert

1889 - Mendelev established the Periodic Table of Elements

1804 - the first locomotive, built by Richard Trevithick, runs for the first in Wales

1907 - the first cabs with taxi meters begin operating in London

1917 - On 21 February 1917, during World War I, the *Mendi* was transporting 823 members of the 5th Battalion, South African Native Labour Corps to France. At 5a m, while under escort of the destroyer HMS *Brisk*, she was struck and cut almost in half by the SS *Darro* bound for Argentina. 616 South Africans (607 of them black troops) plus 30 British crew members died in the disaster

Items used with acknowledgement to *The ARRL Letter*, *Amateur Radio Newsline*, *OPDX Bulletin*, *425 DX Bulletin*, *DXNL Bulletin*, *ARRL DX News*, *WIA-News*, *the RSGB News* and *Southgate ARC News*



# SARL National Convention

Pretoria 11 –13 April 2014



Hosted by

**Magalies Radioamateurklub**

**Book Now**



**Furrow Lane Hotel, 272 Furrow Road, Equestria, Pretoria, South Africa. Coordinates: S 25° 45.729' E 028°20.169'**

**Friday 11 April**

**13:00 Arrival and Registration**

Plus exhibits, fashion and hairstyling shows for the ladies, food stalls, etc.  
**Get details at [www.sarl.org.za](http://www.sarl.org.za)**

**18:30 Welcoming Braai**

**Speaker: Brian Frazer :**“Monitoring Sun spots and solar activities through monitoring ultra low frequency wave propagation”

**Saturday 12 April**

**07:30 Registration**

**09:00 SARL AGM**

**19:00 Awards Dinner**

**Speaker:**

**Dr Kobus Botha ZS6KOB**  
“Real-time weather photos”

**Speakers :**

**Johan Badenhorst (Voetspore)** “Kommunikasie ervarings en behoeftes op die langpad

**Dr Gary Immelman:** “Two-way Radio for dummies”

**Jacque Fernihough:** “Plan your off-site power”